

ABSTRACT OF THE DISCLOSURE

An image processing system includes a transmission-side apparatus that transmits image data and a reception-side apparatus that receives and visualizes the image data. In the transmission-side apparatus, a data generator generates an image data, a first converter subjects the image data to a first conversion to thereby generate a first image data, a second converter subjects the first image data to a second conversion to thereby generate a second image data, a subtractor subtracts the second image data from the image data to thereby generate a third image data, a compressor compresses the third image data to thereby generate compressed image data, and an embedding unit embeds the compressed image data in the first image data.